

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by:
Frough Sherwani P.E.

GENERAL INFORMATION:

Name: Murakami Manufacturing USA, Inc.
Address: 575 Water Tower Bypass,
Campbellsville, KY 42718
Date application received: February 13, 2006
SIC/Source description: 3714 /Motors Vehicle parts & Accessories
AFS (10-digit) Plant ID: 21-217-00039
AI #: 4303
Activity Number: APE20060001
Permit number: F-01-032 (Revision 2)

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
X Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not a major modification per 401 KAR 51:017, 1(23)(b) or 51:052 1(14)(b)	

MISCELLANEOUS:

☐ Acid rain source
☐ Source subject to 112(r)
☒ Source applied for federally enforceable emissions cap
☐ Source provided terms for alternative operating scenarios
☐ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☒ Certified by responsible official
☒ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application
☐ Pollution Prevention Measures
☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:**Existing Facility (Line #1 and # 2):**

POLLUTANT	POTENTIAL EMISSIONS (TPY)	ALLOWABLE EMISSION (TPY)
Carbon Monoxide (CO)	2.94	NA
Nitrogen Oxides (NO _x)	3.504	NA
Sulfur Dioxide (SO ₂)	0.0210	NA
Particulate Matter (PM/PM ₁₀)	30.93	NA
VOC*	1657.88	95*
MEK**	48.13	9.5**
MIBK**	140.975	9.5**
Toluene**	119.376	9.5**
Ethylene Benzene**	30.88	9.5**
Xylene**	28.0	9.5**
Combined HAPs	367.46	23.75***

Revision 2:

POLLUTANT	POTENTIAL EMISSIONS (TPY)	ALLOWABLE EMISSION (TPY)
VOC*	241.18	95*
MEK**	9.169	9.5**
MIBK**	29.188	9.5**
Toluene**	19.181	9.5**
Ethylene Benzene**	4.33655	9.5**
Xylene**	4.7118	9.5**
Combined HAPs	66.59	23.75***

Source wide:

POLLUTANT	POTENTIAL EMISSIONS (TPY)	ALLOWABLE EMISSION (TPY)
Carbon Monoxide (CO)	2.94	NA
Nitrogen Oxides (NO _x)	3.504	NA
Sulfur Dioxide (SO ₂)	0.0210	NA
Particulate Matter (PM/PM ₁₀)	30.93	NA
VOC*	1899.66	95*
MEK**	57.3	9.5**
MIBK**	170.16	9.5**
Toluene**	138.56	9.5**
Ethylene Benzene**	35.21	9.5**
Xylene**	32.82	9.5**
Combined HAPs	434.05	23.75***

* The source has accepted a facility-wide limit on annual VOC emission to no more than 95 tons. The actual VOC emissions shall be calculated based on 12-month rolling total.

** The source has accepted a facility-wide limit on annual single HAP emissions to no more than 9.5 tons and combined HAPS 23.75 tons. The actual HAPs emissions shall be calculated based on 12-month rolling total.

TOXIC ANALYSIS:

Toxics	PTE CONC. UG/M**3	PRG#/ UG/M**3	PTE CONC.<PRG#/ PDRV
MIBK	51.096	83	YES
MEK	17.206	1000	YES
Toluene	41.61	400	YES
Xylene	9.85	730	YES
Ethylene Benzene	10.573	1100	YES

SOURCE PROCESS DESCRIPTION:

The Murakami manufacturing USA, Inc. is located in Campbellsville, Kentucky. The source manufactures mirror housings for the automotive industry.

The source has two coating lines, three molding machines, two curing ovens, two air make up units, two annealing ovens, one mold release, one lubricant spray system and two space heaters.